



## About our 'carbon-saving' scheme

### Rural Solar Electrification Project, India and Sri Lanka

Many homes in rural areas of India and Sri Lanka are dependent on kerosene lamps for lighting because they have no access to grid electricity. The kerosene lamps used produce high levels of CO<sub>2</sub> and other greenhouse gases, are a serious fire hazard, and a cause of indoor and outdoor air pollution.

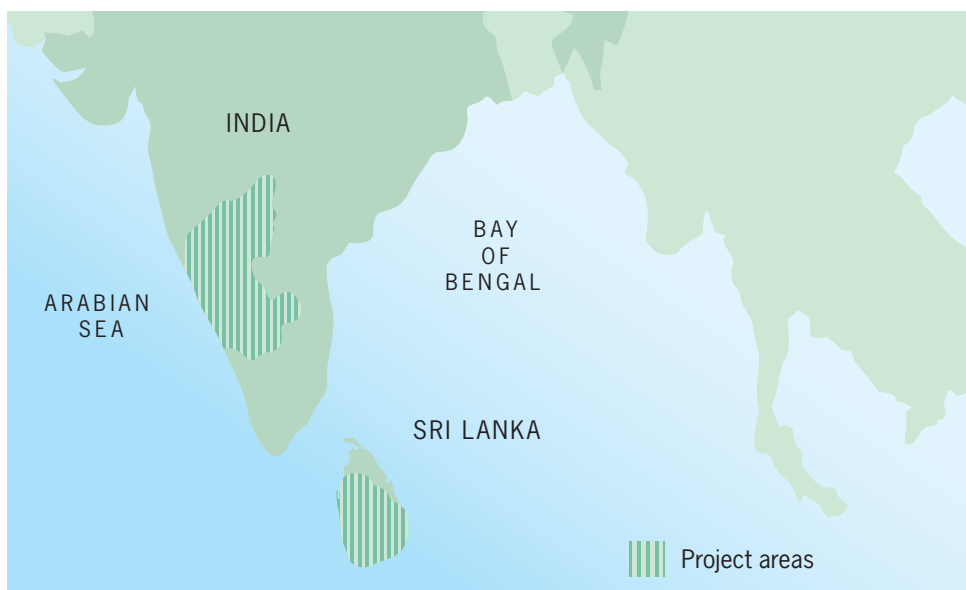
Future Forests in partnership with the Solar Electric Lighting Company (SELCO) will replace the environmentally damaging kerosene lamps with cheaper, more efficient solar powered lighting systems which produce zero CO<sub>2</sub>.

In addition to the environmental benefits of this project, switching to the more energy-efficient lighting systems will eliminate the health hazards caused by kerosene fumes, including respiratory infections, lung and throat cancers, serious eye infections and cataracts.



Alongside these health benefits the switch to the new lighting systems will have a positive impact on the local economy. Improved lighting will enable increased income generating activities such as basket weaving, silk weaving and sewing as well as creating the conditions to allow for higher levels of education.

Since the installation cost of a single solar lighting unit is around \$300, families living in these rural communities cannot afford the new systems. However, by going CarbonNeutral with this project you will help them finance their purchase – a local and immediate benefit as well as long term contribution to protecting the climate.



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